BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Improvements to Roads and RCC Drains at Babanagara Main and Cross Roads, Dwarakanagara and Surrounding area in Ward No.05

WORK SLIP RATE ANALYSIS

Approved Amount	**35166854**
Name of Contractor:-	**M/s Sathya Constructions (prop)R Satheesh No:600,Down bazaar Road, Yelahanka, Bangalore-64.**
Tender premium:-	**+4.98% Above**

Sl No	Description.	Unit	Page no	Item no	Basic rate	Total	AW @ 6%	Lead and Lift	Total Rate	Add T.P (+)4.98%	Final Rate.
8	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead, complete as per specifications and directions of the Engineer in charge.	cum	Pg No.143 of KPWD S.R 2018-19	19.14	41.00	41.00	2.46	12.8	56.26	2.80	59.06
9	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm	Pg No.146 of KPWD S.R 2018-19	19.56	39.00	39.00	2.34	0	41.34	2.06	43.40
10	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOMcomplete as per specifications and directions of the Engineer in charge.	Sqm	Pg No.147 of KPWD S.R 2018-19	19.64	6.00	6.00	0.36	0	6.36	0.32	6.68

Sl No	Description.	Unit	Page no	Item no	Basic rate	Total	AW @ 6%	Lead and Lift	Total Rate	Add T.P (+)4.98%	Final Rate.
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision complete as per specifications and directions of the Engineer in charge.	Cum	Pg No.153 of KPWD S.R 2018-19	20.5	1882.00	1882.00	112.92	0	1994.92	99.35	2094.27
12	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired densitycomplete as per specifications and directions of the Engineer in charge.	Cum	Pg No.155 of KPWD S.R 2018-19	20.18	1888.00	1888.00	113.28	0	2001.28	99.66	2100.94
13	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineriescomplete as per specifications and directions of the Engineer in charge.	Sqm	Pg No.158 of KPWD S.R 2018-19	21.1	21.00	21.00	1.26	0	22.26	1.11	23.37
14	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm	Pg No.158 of KPWD S.R 2018-19	21.6	28.00	28.00	1.68	0	29.68	1.48	31.16

Sl No	Description.	Unit	Page no	Item no	Basic rate	Total	AW @ 6%	Lead and Lift	Total Rate	Add T.P (+)4.98%	Final Rate.
15	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen ,complete as per specifications and directions of the Engineer in charge.	Cum	Pg No.160 of KPWD S.R 2018-19	21.17.6	6045.00	6045.00	362.7	0	6407.70	319.10	6726.80

Asst Engineer

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore-560024

Executive Engineer